



KEY POINTS CHERRY CREEK DAM SAFETY STUDY

1. Cherry Creek Dam does not meet today's federal safety standards.
2. The Corps determined that Cherry Creek Dam could fail in the event of extraordinary weather over a 72-hour period.
3. If a extraordinary event occurred today, floodwaters would rise two feet over the existing dam crest and Cherry Creek Dam would fail in two hours.
4. Such a flooding event is based on 24.7 inches of precipitation in a 72-hour period, and is referred to as Probable Maximum Precipitation.
5. The National Weather Service developed the Probable Maximum Precipitation, which is used by the Corps to determine the Probable Maximum Flood scenario.
6. Homes located around Cherry Creek Reservoir between elevation 5,623 feet and 5,646.5 feet would be flooded if the Probable Maximum Flood event occurred today.
7. Currently the Corps focus is to develop a Dam Safety plan designed to prevent dam failure.
8. A number of solutions (alternatives) are being considered. The Corps has no preferred alternative, but rather is in the process of developing a dialogue with community residents. The Corps believes it is vital that all interested residents understand and provide input to evaluation of alternatives and the final decision.
9. No detailed design or construction will take place until all issues have been addressed and public comments received. The entire process could take six or seven years before any construction would start.
10. Bringing the Cherry Creek Dam in line with current safety standards will not change the everyday operations of the dam.
11. Currently, the Corps has no plans to purchase land around Cherry Creek.